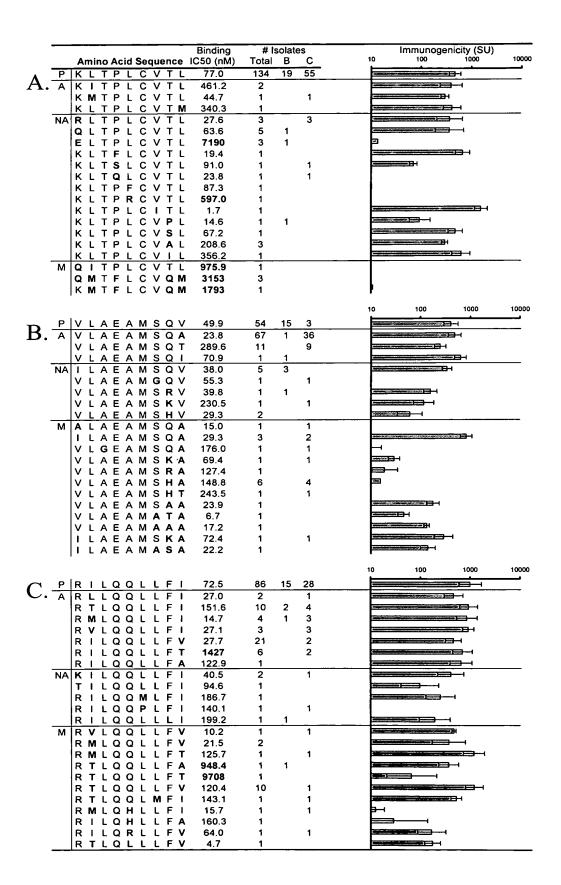
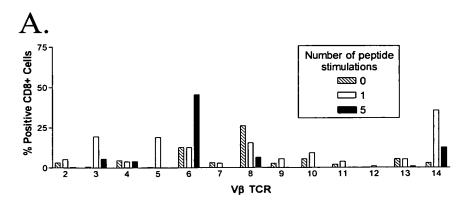
FIGS. 1A-1C

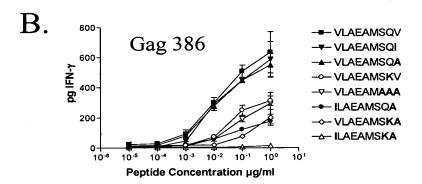


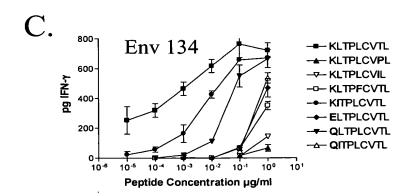
FIGS. 1D-1E

		Binding	# Is	olates		Immunogenicity (SU)	
	Amino Acid Sequence	IC50 (nM)	Total	В (	C	10 100 1000	10000
n	PVTIKIGGQLK	15.5	18	13	<del>1</del>		
D.	AVAIKIGGQLK	151.3	2	1		=======================================	
	V T I K I G G Q L R	64.0	2				
	NAVTVKIGGQLK	60.7	11	1			
	VTIRIGGQLK	14.4	3	2		=======	
	VTIKVGGQLK	59.4	2	2		—	
	VTIKIEGQLK	69.4	2	1		======================================	
	VTIKIGGQIK	183.5	1_				
	2NA V T V K I G G Q L R	194.1	3				
	VTVKIGGELK	39.2	1				
	VTVKIEGQLK	23.2	4				
	VTVKVGGQLK	54.3	3				
	VTVRIGGQLK	15.2	6				
	VTIRIGGQLR	22.9	2				
	V T I R V G G Q L K	13.2	1			H	
	VAIKIGGQIK	940.2	1	1			
	V N I K V G G Q L K	1768	1		1	1	
	<u>VTIKIGGQIR</u>	388.5	1				
	3NA V T I K L G G Q I R	219.5	1			Γ.	
	VTVKIEGQLR	143.0	4			<u> </u>	
	VTVKVGGQLR	198.7	2				
	VTIRVGGQLR	17.3	1				
	v <b>s</b> i k <b>v</b> g g q i k	85.9	30	3	30		
	V T V R V G G Q L K	19.3	1_				
	4NA V T I R V A G Q V K	20.8	1			<u></u>	
	V S I R V G G Q T K	20.9	1		_	<b>[</b> '	
	VSIRVGGQIK	90.6	4		4		
	VSIKVGGQIR	1339	6	,	6		
	VTVRIGGMQK	13.4	1				
	VSIRVGGQTR	240.6	1		1		
	ITVK!GKEVR	12904	1			1	
						10 100 1000	10000
-	BLVTVVVCVBVW	K 9.2	99	21 3	30		
E.	P V T V Y Y G V P V W		40		18		_
	A V T V Y Y G V P V W		1				
	VTVYDGVPVW		i		1		
	• • • • • • • • • • • • • • • • • • •		2		•		
	MITVYYGVPIW		1				
	VTIYYGVPVW		1				
	VTVYDGVPVW		1	1		<b></b>	
	VTVYGIPVW		1	•			
	VTVYYGVPVR		i				
		210.1		_		<del>*</del>	

FIGS. 2A-2C







## **Best Available Copy**

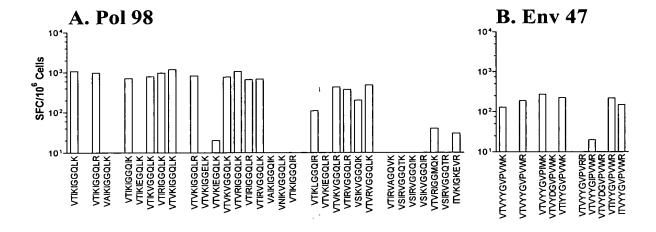


FIG. 4

	Binding		Predicted Cr	oss-reactivity	lr	Immunogenicity (SU)			
Amino Acid Sequence	IC <sub>50</sub> (nM)	# Isolates	MTNNPPIPV	MTSNPPIPV	10	100 1000	10000		
MTSNPPIPV	52.8	60	-	+	-		_		
MTNNPPIPV	128.4	33	+	+					
M T S N P P V P V	21.8	26	-	+		<del></del>			
MTGNPP!PV	125.1	15	-	+	<u> </u>	<del></del>			
MTGNPPVPV	2021	9	-	+	<u> </u>	<b>⊐</b> #			
M T <b>N</b> N P P <b>V</b> P V	85.6	6	+	+					
MTANPPVPV	20.0	3	-	+					
MTHNPPIPV	167.0	2	+	-		<b>=</b> ⊣			
MTANPPIPV	2.3	1	-	+					
MTSDPPIPV	107.4	1	-	+		ı			
MTGNPSIPV	15.8	1	-	+	H				
MTGNPAIPV	1200	. 1	-	+	l	■ MTNNP	PIPV		
MTSNPAIPV	1465	1	-	+	<b></b>	DMTSNP			
M T R N P P V P V	9171	1	-	-	j				